

Fig. 1

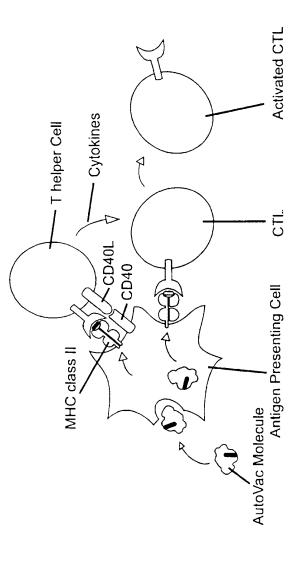
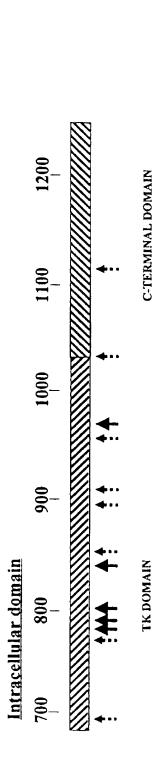


Fig. 2





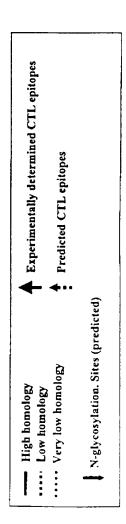


Fig. 3

hPSM'8.3

hPSM'10.3

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Human PSM constructs (schematic representation)
Partl EcoRl PartII EcoRI CYT TM hPSM0.0 20 44 437 750 2 3 4 5 7 8 (10) 9 1 6 Region 16-52 87-108 210-230 269-289 298-324 442-465 488-514 598-630 643-662 672-699 hPSM1.1 hPSM6.1 hPSM8.1 hPSM10.1 hPSM1.6 hPSM1.8 hPSM1.10 hPSM1.2 hPSM1.3 hPSM1.5 P30 hPSM2.1 hPSM3.1 hPSM5.1 hPSM8.0 hPSM10.0 hPSM0.1 hPSM1.0 hPSM6.3 hPSM8.3 hPSM10.3 hPSM'6.3 P30

Fig. 4

P30

P30

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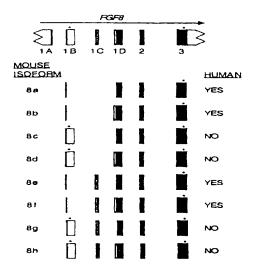
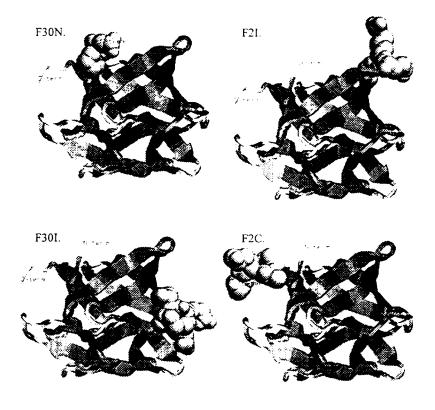


Fig. 5A

	FGF8e and -f				FGF8b and	
MGSPRSALSC						
FT QHVREQSL	VTDQLSRRLI	RTYQLYSRTS	GKHVQVLANK	RINAMAEDGD	PFAKLIVETD	91
TFGSRVRVRG	AETGLYI <u>C</u> MN	KKGKLIAKSN	GKGKD <u>C</u> VFTE	IVLENÑYTAL	QNAKYEGWYM	151
AFTRKGRPRK	GSKTRQHQRE	VHFMKRLPRG	HHTTEQSLRF	EFLNYPPFTR	SLRGSQRTWA	211
PEPR						215

Fig. 5B

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WT	MGSPRSALSCLLLHLLVLCLQAQVTVQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	66			
F30N	MAQVTVFNNFTVSFWLRVPKVSASHLERRLIRTYQLYSRTSGKHVQ	46			
F21	MAQVTVQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ				
F30I	MAQVTVQSSPNFTQHVREQSLVTDCLSRRLIFTYQLYSRTSGKHVQ	46			
F2C	MAQVTVQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQ	46			
WT	VLANKRINAMAEOGDPFAKLIVETOTF GSRVRVRGAETGLYICMNKKGKLIAK	119			
F30N	VLANKRINAMAEDGDPFAKLIVETDTF GSRVRVRGAETGLYICMNKKGKLIAK	99			
F2I	VLANKRINAMAEDGDPFAKLIVETD <u>QYIKANSKFIGITEL</u> GSRVRVRGAETGLYICMNKKGKLIAK	112			
F30I	VLANKRINAMAEDGDPFAKLIVETDTF GSRVRVRGAETGLYICMNKKGKLIAK	99			
F2C	VLANKRINAMAEDGDPFAKLIVETDTF GSRVRVRGAETGLYICMNKKGKLIAK	99			
WT	SNG KGKDCVFTEIGLENNYTALINAKYESWYMAFTRKGRPRKGSKTRQ	167			
F30N	SNG KGKDCVFTEIGLENNYTALQNAKYEGWYMAFTRKGRPRKGSKTRQ	147			
F2I	SNG KGKDCVFTEIGLENNYTAL; NAKYEGWYMAFTRKGRPRKGSKTRQ	160			
F30I	SNGFNNFTVSFWLRVPKVSASHLEDCVFTEIGLENNYTALCNAKYEGWYMAFTRKGRPRKGSKTRQ	165			
F2C	SNG KGKDCVFTEIGLENNYTALQNAKYESWYMAFTRKGRPRKGSKTRQ	147			
WT	HQREVHFMFFLPFGHHTTEQSLPFEFLNYPPFT RSLRGSQRTWA PEPR 215				
F30N	HQREVHFMFFLPFGHHTTEQSLFFEFLNYPPFT RSLRGSQRTWA PEPP 195				
F21	HQREVHFMFFLPPGHHTTEQSLFFEFLNYPPFT RSLRGSQRTWA PEPP 208				
F30I	HQREVHFMKFLPRGHHTTEQSLRFEFLNYPPFT RSLRGSQRTWA PEPP 213				
F2C	HQREVHFMFFLPFGHHTTEQSLPFEFLNYPPFTQXIKANSKEIGITELPEPF 199				

Fig. 6